

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) ~~In a radio frequency tracking system comprising a plurality of transmitters and a receiver, the receiver having an antenna with a reception pattern which defines a reception region, a~~ A method for controlling the a reception region, comprising the steps of:

setting up a receiver base station including an antenna;

attaching a plurality of transmitters to a plurality of objects, each object of the plurality of objects having a transmitter of the plurality of transmitters, each transmitter adapted to transmit a unique identifier;

adjusting sensitivity of the receiver base station by controllably attenuating signals received by the antenna;

if the reception range is less than a desired reception range, decreasing attenuation; and

if the reception range exceeds the desired reception range, increasing attenuation.

2. (Currently Amended) ~~In a radio frequency tracking system comprising a plurality of transmitters and a plurality of receivers, each receiver of the plurality of receivers having an antenna with a reception pattern which defines a reception region, a~~ A method for controlling overlap in the reception regions, comprising the step of, :

setting up a plurality of receiver base stations, each receiver base station having an antenna with a reception pattern which defines a reception region;

attaching a plurality of transmitters to a plurality of objects, each object of the plurality of objects having a transmitter of the plurality of transmitters, each transmitter adapted to transmit a unique identifier;

for each receiver of the plurality of receivers, adjusting sensitivity of the receiver by attenuating signals received by the antenna, wherein the reception regions for the plurality of receivers are adjusted to overlap without leaving gaps in reception region coverage.

3. (Currently Amended) In a radio frequency tracking system comprising a plurality of transmitters and a plurality of receivers, each receiver of the plurality of receivers having an antenna with a reception pattern which defines a reception region, an apparatus for controlling reception regions, comprising an attenuator, inserted between a receiver of the plurality of receivers and its associated antenna for adjusting the reception region which the antenna receives, wherein the reception region of each of the plurality of receivers is adjustable for controlling overlap of reception regions, each transmitter of the plurality of transmitters is adapted to transmit a unique identifier, and each receiver of the plurality of receivers is adapted to receive the unique identifier from a transmitter in its reception region to identify location of the transmitter in its reception region.

4. (NEW) The method of claim 1, wherein the desired reception range is a function of room size.

5. (NEW) The method of claim 1, wherein the reception range is isotropic.

6. (NEW) The method of claim 1, wherein the reception range is anisotropic.

7. (NEW) The method of claim 1, wherein the reception range is adjustable to a few feet.

8. (NEW) The method of claim 1, wherein the receiver base station communicates to a host computer by a system including modulations over AC power lines.

9. (NEW) The method of claim 1, wherein the receiver base station communicates to a host computer by a system including radio communications.

10. (NEW) The method of claim 1, wherein the receiver base station communicates to a host computer by a system including a dedicated hardwired link.

11. (NEW) The method of claim 1, wherein the receiver base station communicates to a host computer by a system including a computer network link.

12. (NEW) The method of claim 2, wherein the reception region of at least one receiver base station of the plurality of receiver base stations is a function of room size.

13. (NEW) The method of claim 2, wherein the reception region of at least one receiver base station of the plurality of receiver base stations is isotropic.

14. (NEW) The method of claim 2, wherein the reception region of at least one receiver base station of the plurality of receiver base stations is anisotropic.

15. (NEW) The method of claim 2, wherein the reception region of at least one receiver base station of the plurality of receiver base stations is adjustable to a few feet.

16. (NEW) The method of claim 2, wherein at least one receiver base station of the plurality of receiver base stations communicates to a host computer by a system including modulations over AC power lines.

17. (NEW) The method of claim 2, wherein at least one receiver base station of the plurality of receiver base stations communicates to a host computer by a system including radio communications.

18. (NEW) The method of claim 2, wherein at least one receiver base station of the plurality of receiver base stations communicates to a host computer by a system including a dedicated hardwired link.

19. (NEW) The method of claim 2, wherein at least one receiver base station of the plurality of receiver base stations communicates to a host computer by a system including a computer

network link.

20. (NEW) The apparatus of claim 3, wherein the reception region of at least one receiver of the plurality of receivers is a function of room size.

21. (NEW) The apparatus of claim 3, the reception region of at least one receiver of the plurality of receivers is isotropic.

22. (NEW) The apparatus of claim 3, wherein the reception region of at least one receiver of the plurality of receivers is anisotropic.

23. (NEW) The apparatus of claim 3, wherein the reception region of at least one receiver of the plurality of receivers is adjustable to a few feet.

24. (NEW) The apparatus of claim 3, wherein at least one receiver of the plurality of receivers is adapted to communicate to a host computer by a system including modulations over AC power lines.

25. (NEW) The apparatus of claim 3, wherein at least one receiver of the plurality of receivers is adapted to communicate to a host computer by a system including radio communications.

26. (NEW) The apparatus of claim 3, wherein at least one receiver of the plurality of receivers is adapted to communicate to a host computer by a system including a dedicated hardwired link.

27. (NEW) The apparatus of claim 3, wherein at least one receiver of the plurality of receivers is adapted to communicate to a host computer by a system including a computer network link.